

Stability Constants of Nitrate Complexes of
Trivalent Plutonium in Aqueous and Tributyl
Phosphate Solutions, by V.B. Shavchenko, V.G.
Filosov, A.M. Volkova, 4 pp.

RUSSIAN, paper, Atom Energy, Vol. VI No. 4, 1960
pp 426-430.

GB
*AEC

Sci
Jan 61.

135,079

Comparative Data on Infection of
Ticks of the Genus Dermacentor
with Brucellae, by A. A. Volkev.,
et al.

RUSSELL, per, Trudy 4 Konf. Prirod.
Rech. Bolez Vopr. Parazit. Zoonoz.
Kazakh SSR Alma-Ata, No 3, 1961,
pp 106-107.
Mil 4-72-65

Sci-SGII
May 65

260,912

Study of the Role of Ticks of the
Genera Dermacentor and Haemaphysalis
in Transmission of Brucellosis,

by G. A. Volkova, et al.

RUSSIAN, per, Izv Akad Nauk SSSR, iz
SSR (Biol), Vol 2, No 7, 1960,
pp 5-24.

AIN 4-75-65

Sci-BI

May 65

280,015

Variations in Motility of the Small Intestine and the Effect of Impulses in Intestinal Nerves during Stimulation of the Mechanoreceptors of a Loop of Small Intestine, by Yu. M. Gal'perin and A. D. Volkova.

RUSSIAN, per, Byulleren' Eksperimental'noi Biologii i Meditsiny, Vol LV, No 2, 1963, pp 22-27.

CB

Sci
May 64

256,902

SECRET

Determination of Microquantities of Lead in Metallic
Indium, by A. I. Volkova, 4 pp.

RUSSIAN, paper, Vopr Khim Zhur, Vol XXIII, No 7, 1957,
pp 430-432.

MOP-V-133

Sci
Nov 59

10/ 132

Photometric Determination of Titanium in the Form of
a Pyridine-Salicylate Complex, by A. K. Babko, A. I.
Volkova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 5, 1960,
pp 587-590.

CB

164, 104

Sci
Aug 61

(NY-4718)

Immediate Results of Treatment of Vaginal Sarcoma
in Dogs With the Use of the Radium, by V. M.
Lopuchinskaya, G. T. Ishchenko, A. I. Volkova,
M. S. Samyashkin, 10 pp.

RUSSIAN, per, Medit Radiolog, Vol V, No 7, 1960.

JPRS 5761

Sol - Med

Nov 60

131, 5-88

B-21 (ST-256)

(DC-1594)

Sulfur Method for Determinating Oxygen (Oxides). Part II,
Determination of Micromounts of Oxygen in Copper,
Nickel, Chromium and Molybdenum by A. K. Babko, A. I.
Volkova, O. F. Drako, 8 pp. UNCLASSIFIED.

RUSSIAN, no per, Zavodskaya Laboratoriya, Vol XXIII,
No 2, Moscow, Feb 1957, pp 136-140.

US JPRS/DC-L-617

Sci-

69, 5-65-

Research on the Colored Coordination Compounds of
Vanadium and Hydrogen Peroxide, by A.K. Babko and
A.I. Volkova, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 7,
Jul 1952, pp 1108-1115.

USSR Consultants Bureau

USSR:
Scientific - Chemistry

Feb 54 CTB

9691

Volkova, A. I., Koton, M. M., and Savitskaya, M. N.
THE INFLUENCE OF THE CHEMICAL STRUCTURE
OF SOME UNSATURATED ESTERS ON THEIR POLY-
MERIZING ABILITY. [1960] 5p. (3 figs. omitted)
3 refs.

Order from LCI or SLA ml\$1.80, ph\$1.80 61-10571

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR)
1960, v. 2 [no. 5] p. 802-805.

Experiments showed that esters of acrylic acid are
polymerized at a higher rate than isomeric to them
vinyl esters. The introduction into the alkyl group of
an unsaturated ester of chlorine atom, and the length-
ening of alkyl radical slows down the polymerization
process.

(Chemistry--Organic, IT, v. 5, no. 7)

61-10571

1. Acrylic acid esters--
Polymerization
2. Vinyl compounds--
Polymerization
3. Molecular structure--
Chemical effects

- I Volkova, A. I.
- II Koton, M. M.
- III Savitskaya, M. N.

Office of Technical Services

Synthesis of Vinyl Esters of Isobutyric, Isovaleric and
Caproic Acids, E.N. Mostovsky, A.N. Barinova, A.L.
Volkova, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim i Nauk,
No 11, 1957, pp 1379-1386.

Consultants Bureau

Sci - Chem

May 59

87,002

Chain Reactions of Carbon Tetrachloride and
Alcohols, by G. A. Razuvayev, B. N. Moryganov,
A. S. Volkova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 3,
USSR, Mar 1955, pp 495-498. CIA C 39388

Consultants Bureau

Scientific - Chemistry
CTS 74/Nov 55

27, 964

Extraction-Photometric Determination of Traces of
Lead in High-Purity Reagents, by A. M. Bulgakova,
A. N. Volkova, 3 pp.

RUSSIAN, per, Zhur Anal Khim, Vol 35, No 5, 1960,
pp 591-594.

CB

Sci
Aug 61

164,097

Change in Certain Natural Immunity Factors in Dogs
Flown on the Fourth and Fifth Satellite-Spaceships,
by A. P. Volkova, 5 pp. FOR OFFICIAL USE ONLY

RUSSIAN, bk, *Iskusstvennyye Sputniki Zemli*,
No 15, 1963, pp 109-112.

JCS 6010023963
(DJA)

Beck - Aero
Nov 63

242, 292

Radioactive Decay of Ac^{227} and Excited Levels of Fr^{223}
and Th^{227} , by G. I. Novikova, E. A. Volkova, L. L.
Gol'din, D. M. Ziv, E. F. Tret'yakov, 7 p.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XXXVII,
No 4(10), 1959, pp 928-937.
10

Amer Inst of Phys
Sov Phys - JETP
Vol XXXVII, (10), NO 4

Sci
Apr 60

114,865

Investigating the Influence of Covering Layers on
Reducing Heat Losses from Electrolyte Surfaces in
Order to Refine Copper, by M. B. Partsovskiy, L. G.
Volkova, 4 pp.

RUSSIAN, per, Tsvetnye Metally, No 10, 1966.
pp 31-34.

PS

Sci
Aug 61

102975

Catalytic Activity of Metal and Platinum-Gold
Alloys in the Oxidation of CO, by G. K.
Borshkov, M. G. Slin'ko, E. I. Volkov, 3 pp.

RUSSIAN, Periodico non per, Dok Ak Nauk SSSR, Vol 1311,
No 1, 1993, pp 109-110.

Sci Eng Ser 94/0290

Scientific - Minerals/Metals
CIS/DEM

11/17

The Reaction Between Nickel Carbonyl and Monallyl
Acetylenes, by A. Ya. Yakubovich, E. V. Volkova,
S. P.

RUSSIAN, Khimie-mo per, Dok Ak Nauk SSSR, Vol LXXIV,
No 6, 1952, pp 1183-1186.

Sci Tr Center
RT-3771

39,136

Sci - Chemistry
Sep 56 CRB/dax

SS 0195

R-9307-D

28 Mar 68

1. New Law - New Troubles pp 4-5 (2 pp)
2. Social Security in Canada By: G. VOLKOVA
pp 56-58 (3 pp)

Source: Monthly Publication of the RSFSR Ministry
of Social Security. No 12, 1967

Russian - est for wds:

Please translate and type 1 original copy only.
Do not mutilate document.

OFFICE OF RESEARCH AND ANALYSIS
INVESTIGATIVE, BY A. E. GIBSON, C. A. VOLKMAN,
35 PP.

RESEARCH, FOR, RESEARCH AND ANALYSIS,
VOL. III, NO 1, 1962, PP 183-200.

JUN 1963

SCI - SPM
NOT 63

231,477

(DC-6994)

ACCUMULATION AND EXCRETION OF RUTHENIUM-106,
CERIUM-144, AND PROMETHIUM-147 BY NALESUS
INTERPUNCTATUS ZETT, BY A. B. GETSOVA, G. A. VOLKOVA,
6 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLIV, NO 5,
1962, PP 1163, 1164.

JPRS 15088

SCI - BIOLOGY

SEP 62

210,796

The Effect of Certain Ions on the Precipitation of
Uranyl Ferrocyanide from Aqueous Solutions, by
V. G. Sochevanov, N. V. Shmakova, G. A. Volkova,
7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 1, 1960,
pp 77-83.

CB

Sol
Aug 61.

163,921

Effectiveness of Phosphoric Fertilizers on Gray
Forest-Steppe Soils of Gorki Region, by G. I.
Volkova, Yu. P. Sirotin

RUSSIAN, per, Agrobiologiya, Vol V, Sep/Oct 1953,
pp 70-79. CIA D 432375

RT-3620

USDA

USSR
Scientific - Biology
Economic

32,091

32824

Synthesis of Organosilicon Compounds Containing
Azine Nitrogen and Their Reactions With Nu-
cleophilic and Electrophilic Reagents, by
K. A. Andriyanov, I. M. Volkova, 8 pp

RUSSIAN, per, Is Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1957, pp 577-584.

Consultants Bureau

Sci - Chem

May 59

88, 103

(FLD 25874)

The Role of Acetylcholine in the Development of a
Central Inhibition, by I.v. Volkova, 13 pp

RUSSIAN, bino per, Fiziol Zhur SSSR,
igoni I.M. Sechenova, Vol XL, No 6, Moscow,
Nov/Dec 1954, pp 691-696

CIA/FDD/U-7593

Dec 55 CTS

30,430

USSR

Sci - Medicine, pharmacology

E. V. Volkova

A Review of the Species of the Genus
Claytonia Gronov., Distributed in the
USSR, by E. V. Volkova.

RUSSIAN, per, Botanicheskii Zhurnal,
Vol 49, No 12, 1964, pp 1760-1768.

NTC 72-60102-06C

May 72

THE BUILD-UP FACTOR OF THE RADIOISOTOPES OF SOME
CHEMICAL ELEMENTS IN AQUATIC INSECTS, BY G. A.
VOLKOV, 6 PP.

RUSSIAN, PER, EDWIN GREENBERG, VOL XLII, NO 3, 1963,
PP 314-319.

JPN 22074

SCI-BIOL & MED SCI
DEC 63

243,000

The Role of Acetylcholine in Changes in the Functional
State of Spinal Cord Centres, by I. N. Volkova,
7 pp.

RUSSIAN, per, Fiz iuzm SSSR in I. M. Sechenova, Vol
XLIV, No 3, 1958, pp 187-193.

Programa Inst

Sci - Med

Jan 59

80,333

Measuring the Linear Temperature Coefficients
of Block Gauges by Photoelectric Means, by
E.A. Volkova, Yu. P. Efremov, 3 pp.

RUSSIAN, per, Izmeritel Tekn, No 4, 1960
pp 4-6.

ISA

Sci.
Feb 61

138,403

Study of the Conditions of Precipitation of
Ferrocyanide From Aqueous Solutions, by V. G.
Sotkovskiy, N. V. Shmakova, G. A. Volkova, 15 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 2049-2057.

AEC-tr-4079
PI-480

Sci

Aug 61

PST 86

163,390

Remains of Leaf Parenchyma in Lower Mesozoic Coals
of Kazakhstan, by I. B. Volkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXII, No 3,
1960, pp 677-680.

AGI

Sci.

Aug 61

Work on the Compilation of an International
Glossary of Petrology, by I. H. Valtz, I. B.
Volkova.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 7,
1960.

WCB A.1951.

Sci - Geophys

168,586

Sep 61

The Effect of X-Ray Irradiation Upon the Formation
of a Sympathetic Nervous System Mediator, by I. N.
Volkova, K. V. Lebedev, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Medit, Vol LII,
No 9, 1961, pp 37-39.

CB

S:1

202,769

Jul 62

(NY-6309)

75th Birthday of Nikolay Nikolayevich Anichkov,
by K. Volkova, 5 pp.

RUSSIAN, part, Patolog Fiziol i Ekspet Terapiya,
Vol V, No 1, 1961, pp 92-93.

JPRE 9318

155,375

USSR
Biog
Jun 61

Ferromagnetic Properties at Millimeter Waves, by V. K.
Artsad'ev, K. A. Volkova, 1 p.

RUSSIAN, per, Zhur Eksp. Teoret Fiz, Vol XXIV, No 4,
1953, p 501.

Morris D. Friedman

Sci - Physics
Mar 50

Ferromagnetic Resonance in the Waves of a Multiple
Spark Generator, by K. A. Volkova.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXIX,
No 4, p 655-658.

NSF Tr 58

USSR

Scientific - ~~XXXXXXXXXX~~ Physics

Oct 53 CTS

6584

Determination of Blood Level of Acid
Mucopolysaccharides in Respiratory
Insufficiency Study in Pulmonary Tuberculosis
and, by K. I. Volkova, 1 pp.
RUSSIAN, Klinicheskaya Meditsina,
Vol 11, No 1, 1963, pp 11-12.
CENTRAL FILE - 11-1.

Sed - B & R
Mar 7

Concerning two Crystalline Modifications of 1,4-trans
polybutadiene, by V. N. Eikitin, L. A. Volkova, N. V.
Mikhaylova, 7 pp.

RUSSIAN, per, Vysokomol Soyedin, Vol I, No 1, 1959,
pp. 1094-1099.

PP

164, 757

Sci

Aug 61

Seismicity of Far East for the Year 1961, by
L. N. Poplavskaya, L. P. Volkova, 10 pp.
RUSSIAN, per, Sibirskaya Otdel Geol i Geofiz.
Ak Nauk SSSR, No 11, 1963, pp 106-114. 9695896
FTD-TT-64-674

Sci. - Phys
Fol: 65

274,074

Preparation of Polyorganoborosiloxanes by Heterofunctional Condensation, by K. A. Andryanov, L. M. Volkova, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, 1957, pp 303-309.

Consultants Bureau

Sci - Chem

May 59

86,848

(NY-5596)

Myocardial Arterioles in Hypertensive Disease, by
E. G. Volkova, 18 pp.

RUSSIAN, per, Arkhiv Patologii, Vol XXII, No 11,
1960, pp 13-18.

JPRS 7707

Sci - Med

Feb 61

140,459

5-1-61-1087

Vibration Spectra of Organic Compounds Containing Elements from the IV Group (Si, Ge, Sn). Communication
Infrared Absorption Spectra of Substituted Ammonethersiloxanes and the Valence Vibration Frequencies of the C-H Bond.

By K. A. Andrianov, E. M. Volkova pp. 6

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1962, pp. 1958-1963.

CP

344,543

Sci

Sen 63

Reactions of Amines with Bischloromethyltetramethyl-
disiloxane and Its Derivatives, by K. A. Andrianov,
L. M. Volkova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim. Nauk, No 1,
1962, pp. 86-89.

CB

Sci

Aug 62

214,568

(1110386)

Some Questions on the Development of Agricultural
Sciences in the People's Republic of China,
by V. M. Zharin, L. A. Volkov, H. S. Rubin,
M. V. Gorlenko, 298 pp.

RUSSIAN, M., Nekotoryye Voprosy Razvitiya
Sotsializatsionnoy Nauki v KNR, 1955,
pp 1-295.

JPRS 9717

PR - China
Aug 61
Econ

16X, 050²

Excitation Cross Sections for Some Spectral Lines
of Potassium and Argon, by L. M. Volkova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 6, 1959, pp 968-970.

Columbia Tech

Sci

Oct 60

130,290

Synthesis and Investigation of the Properties
of Liquid ~~$\alpha,\alpha,\alpha,\alpha,\alpha,\alpha$~~ -Hexamethylpoly
[(Anilinemethyl)methyl] Polysiloxanes, K. I.
Andryanov, L. M. Volkova, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 8, 1958, pp 937-940.

941-948

Consultants Bureau

Sci

Apr 60

112, 217

Reactions of (Chloromethyl) Ethoxysilanes with
Amines, by E. A. Andryanov, L. M. Yelkova.

RUSSIAN, per, Iz Akademi SSSR, Seriya Khimicheskaya
No 2, 1966, pp 277-282.

Consultants Bureau

Sci - Chem

Apr 67

11/2/77

Secondary Immunological Reactivity in Invertebrate
Animals, by O. E. Vyazov, L. S. Volkova, 3 pp.

RUSSIAN, per, Byul Eksp. Biol i Med, Vol 12, No 12,
1960, pp 62-64.

CP

Sci
Jul 61

162620

Immunohematology and the Practice of O s series,
~~IXXX~~, by L. S. Volkova, 1 pp.

RUSSIAN, per, Problemy Genetologii i Pochivaniya
Krovi, Vol VI, No 1, 1961.

PP

Sci

Jan 10

Problem of the Immunobiological Interrelations of
Mother and Human Fetus. Communication III Deter-
mination of Group Antigenic Substances in Fetal
Membranes, by L. S. Volkova, 4 pp.

RUSSIAN, Mo per, Byul Eksper Biol i Med, Vol XLII,
No 12, 1956, pp 54-56.

Consultants Bureau

Sci - Med

Mar 58

59, 622

(2234-#)

Certain Questions of Immunology of Embryogenesis,
by O. Ye. Vyasov, L. S. Volkova, 19 pp.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIII,
No 11, 1958, pp 30-41.

JPRS L-668-#

Sci-Med
Mar 59

82,406

On the Problem of the Immunobiological Relationships Between the Human Mother and Fetus. Communication II. Determination of Antigen Groups in Amniotic Fluid, by L. S. Volkova, 4 pp.

RUSSIAN, no per, Byul Eksper Biol i Med Vol XLI, No 11, 1956, pp 58-60.

Consultants Bureau

Sci - Med

59,602

Mar 58

Problem of the Immunological Interrelations of the
Mother and Human Fetus. Communication I. The
Isoserological Features of Retroplacental Blood of
Women in Childbirth and the Umbilical Blood of the
Newly Born, by L. S. Volkova, 5 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLII,
No 10, Oct 1956, pp 65-68.

Consultants Bureau

Sci - Medicine
Jun 58

37,507

Reactions of the Central Nervous System to Loss of
Blood in the Third Stage of Labor, by L. T. Volkova,
11 pp.

RUSSIAN, per, Pediatria, Matshernstvo i Ginekologiya,
No 5, 1956, pp 49-53.

NLS Ab 1476

Sci - Medicine
Dec 59

102,667

Syntheses of Curare Alkaloids. Synthesis of 2-Hydroxy-3-Methoxy-5-(β -Nitrovinyl)-4'-Carboxydiphenyl Ether, by Yu. S. Tsizin, O. N. Tolkachev, L. V. Volkova, N. A. Præobrazhenskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5, 1959, pp 1631-1634.

Consultants Bureau

Sol

Jul 60

120,471

Synthesis of Bisbenzyltetrahydroisoquinoline Ethers,
by L. V. Volkova.

RUSSIAN, no per, Dok Ak Nauk, Vol CII, 1955, pp 521-
524. (GB 2)

UKRM

Sci - Chemistry

54, 683

Oct 57

(SF-2320)

COMPARATIVE STUDY OF THE DISTRIBUTION OF RADIO-
ACTIVE COLLOIDAL GOLD AND OF RADIOACTIVE COLLOIDAL
GOLD COATED WITH STABLE SILVER IN INTRA-ABDOMINAL
ADMINISTRATION, BY M. A. VOLKOVA, I. G. ASHIKMANA,
6 PP.

RUSSIAN, PER, MEDIT RADIOLOGIYA, VOL 7, NO 6,
1962, PP 32-36.

JPRS 15173

SCI - MEDICINE

SEP 62

210,761

The Treatment of Malignant Tumours of the
Middle Ear, by M. A. Volkova, E. S. Kiseleva,
4 pp.

RUSSIAN, per, Voprosy Onkol., Vol VI, No 3,
1960, pp 64-68.

PP

Sol.

132, 541

Nov 60

(NY-5123)

The Quality of Oxygen-Blown Converter Steel,
by A. P. Gulyayev, A. A. Mitrofanov, M. A.
Volkova, 19 pp.

RUSSIAN, per, Stal', No 8, 1960, pp 741-745.

JPRS 7120

Sci. - Engr

Dec 60

135,917

Study of the Properties of Titanium Alloys,
IV. Properties of Alloys of the Ternary, Ti-Al-Fe
System, by I. I. Kornilov, E. N. Pylaeva, M. A.
Volkova, 5 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VIII,
No 2, 1959, pp 182-186.

PP

Sci

134, 917

Dec 60

Volkova, M. A., Pel'man, S. G., and Dar'yulova,
S. L.

COMPARATIVE DISTRIBUTION OF COLLOIDAL
SOLUTIONS OF RADIOACTIVE YTTRIUM SALTS IN
ANIMALS FOLLOWING INTRAPERITONEAL AD-
MINISTRATION. [1963] [12p] (fig omitted) 4refs
FASEB Manuscript no.: S 136-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24463

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
v. 7, no. 12, p. 3-7. (Abstract available)

DESCRIPTORS: *Absorption (Biological), Colloids,
*Yttrium compounds, *Labeled substances, Tracer
studies, Bone, Blood, Reticuloendothelial system.

The differences in distribution of colloidal solutions of
the silicate, phosphate and fluoride salts of radioactive
yttrium were studied. Female rats were given a single
injection of the isotopes into the abdominal cavity. All
(Biological Sciences--Radiobiology, TT, v. 11, no. 6)
(over)

TT-63-24463

- I. Volkova, M. A.
- II. Pel'man, S. G.
- III. Dar'yulova, S. L.
- IV. FASEB-S-136-3
- V. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Volkova, M. A., Obukhov, N. V., and Agranat, V. Z.
 THE TECHNIQUE OF SCANNING THE LIVER WITH
 [131]-BENGAL ROSE IN ONCOLOGY. [1963] [12p]
 7refs FASEB Manuscript no.: S 55-3.
 Order from OTS, SLA, or ETC \$1.60 TT-63-24448

Trans. of Meditsinskaya Radiologiya (USSR) 1962,
 v. 7, no. 10, p. 8-15.

DESCRIPTORS: Biological stains, *Liver function tests,
 *Labeled substances, Iodine, Radioactive isotopes,
 *Cancer, Scanning, *Diagnostic agents, Tracer
 studies,

TT-63-24448

- I. Title: Rose bengal
- I. Volkova, M. A.
- II. Obukhov, N. V.
- III. Agranat, V. Z.
- IV. FASEB-S-55-3
- V. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Radiobiology, TT, v. 11, no. 4)

Office of Technical Services

Diagram Composition-Heat Resistance of Alloys of
the Binary System Ti-Al, by I. I. Kornilov, Ye. N.
Fylayeva, M. A. Volkova, 7 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Institut Metal,
Vol II, 1957, pp 164-166.

SIA 60-14509

Sci.

OTS, Vol IV. No 3

129,438

Oct 60

An Investigation into the Equilibrium of the
Ternary System Ti - Al - Fe, by I. I. Kornilov,
E. N. Pylayeva, M. A. Volkova, II, 12 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 6, 1958, pp 1391-1397.

AEC-tr-4454
PL-480

Sci

Jun 62

PST 376

177,837

Phase Diagram of Binary System Titanium-Aluminium,
by I. I. Kornilov, Ye. N. Kyslayeva, M. A. Volkova,
7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1956, pp 771-778.

CIA/Z-348

Sci - Chemistry; Min/metals
Apr 57 CTS/dex

47,187

35150

The Citrate Method of Determining Phos-
phoric Anhydride, by M. I. Vokova, Z.
Oljeva and B. N. Melent'ev, 6 pp.

RUSSIAN, per, Zavod Lab, Bol VII, 1938, pp
891, 892.

SLA R-2214

Sci

Aug 58

72,117

The Use of Radiation ϕ in the Determination
of the Molecular Weight of Phospholipase-
C from *Clostridium Perfringens* Welchii, by
Jerzy Meduskiy and M. S. Volkova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
2, 1957, pp 266-269.

Consultants Bureau

Sci - Chem

73, 659

Aug 58

A Determination of the Molecular Weight of
Insulin by Radiation Methods, by M. S.
Volkova, A. M. Iosadze, A. S. Chumayeva, and
A. G. Pasynskiy, 3 pp.

RUSSIAN, no par, Biofiz, Vol II, No 4, 1957,
pp 465-468.

Pergamon Inst.

Sci - RI61

Jul 58

67,481

The Petrography and Conditions of Formation of the Coal
of the Lower Mesozoic Deposits of Kazakhstan,
by N. B. Volkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX,
No 2, 1953, pp 343-346.

Consultants Bureau

Sci - Geophys

Mar 59

83, 1702

100021

Hygienic Characterization of Some Cases of
Application of Radioactive Isotopes in Plastic
Flammable Plants, by N. I. Volkova, 7 pp.

Hygienic, per, 64g Trade & Professional Label
No. 4, 1961.

JPFS 9708

Med - Med

Aug 62

1623.1

Volkova, N. M., Alyamovskii, S. I., and Gel'd, P. V.
CONCENTRATION STABILITY LIMITS OF VANADIUM
CARBIDE AT 1800°C. Mar 64
Order from SIC \$12.00

Trans. of Akademiya Nauk SSSR, Izvestiya / Metal-
lurgiya i Gorno Delo, 1963, no. 5, p. 134-140.

(Metallurgy, TT, v. 12, no. 2)

TT-64-12915

- I. Volkova, N. M.
- II. Alyamovskii, S. I.
- III. Gel'd, P. V.
- IV. Scientific Information
Consultants Ltd.,
London (England)

56302

Office of Technical Services

Some Initial Data for the Algorithmic Processing
of Korean Text, by G. A. Pak, N. M. Volkova,
et al, 5 pp.

RUSSIAN, bk, Materialy po Matematicheskoy
Lingvistike i Mashinomu Perevodu, Vol II,
1968, pp 171-175.
JPRS 26209

Sci - M & DP
Sep 64

266,747

Study of the System $\text{NaAlO}_2\text{-KAlO}_2\text{-KOH-NaOH-K}_2\text{SO}_4\text{-H}_2\text{O}$ ($\text{K-AlO}_2\text{-OH-SO}_4\text{-H}_2\text{O}$), by B. Kh. Shvartsman, N. S. Volkova, 3 pp.

RUSSIAN, per, Zhur, Prikl Khim, Vol XXXIV, No 12, 1961, pp 2633-2648.

CB

Sci

Oct 62

214,355

Volkova, N. M. and Gaydukov, G. V.
SOME DATA CONCERNING THERMODYNAMIC
PROPERTIES OF POTASSIUM FLUOTITANATE [1961]
[10]p.

Order from OTS or SLA \$1.10

61-27805

Trans. of Akad[emiya] Nauk SSSR, Sibirskoe Otdel[enie]
Izv[estiya] 1959, no. 6, p. 70-77.

DESCRIPTORS: *Titanates, *Fluorides, *Potassium
compounds, Thermochemistry, Reagents, Metallurgy

The relationship between the heat content of potassium
fluotitanate and the temperature ranging from 298-
1098°K was determined in experiments. The equations es-
tablished for the relationship between the true molar
heat capacities and the temperature were based on the
change in heat content and calculated according to the
method by Landiya. Equations expressing the relation-
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-27805

I. Volkova, N. M.
II. Gaydukov, G. V.
III. Translations, New York

Office of Technical Services

A Study of the System $\text{NaAlO}_2\text{-HAlO}_2\text{-KOH-NaOH-}$
 $\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-H}_2\text{O}$ ($\text{K}^+\text{-Na}^+\text{-AlO}_2\text{-OH}^+\text{-SO}_4^{2-}\text{-H}_2\text{O}$),
by B. Kh. Svartman, N. S. Volkova, 11 pp.

RUSSIAN, PER, Zhur Prikl Khim, Vol XXXIV,
No 7, 1961, pp 1500-1510.

CB

Sci

May 62

195,866

Obtaining High-Grade Alumina (Brands GO
and G00) in Treating Nephelines, by
Kh. Shvartsman, N. S. Yolkova, 5 pp.
RUSSIAN, per, Tsvetnye Metally, Vol II,
No 2, 1961, pp 61-65.
Primary Sources

Sci

Jul 64

263,753

Synthesis and Study of Stereoregular Copolymers of
Propylene and Isoprene, by N. S. Volkova, G. V.
Khutarenko, 7 pp.

RUSSIAN, per, Vysokomolekulyarnyye Soedineniya,
Vol. I, No 12, 1959, pp 1758-1763.

ATB-88M42R

Sci

190, 238

Apr 62

Vol IV, No 6

Obtaining High-Quality Alumina When Processing
Bauxites by Sintering, by B. Kh. Shvachkin
N. S. Volkova, 4 pp.

RUSSIAN, per, Tsvetnyye Metally, Moscow, 1960, pp. 43-46.

Doc. 1000

Sci

Oct 60

MALINOVSKI, M. S., VOLOVA, E. E., and MOROZOVA, M.
M., Lab of Org Chemistry of Gor'kiy State U.

Preparation of Alcohols by the ~~Wittig~~ ^{Wittig} Reaction using
Olefinic Oxides ~~III~~ ^{II}. Synthesis of 2,2-Dimethylbut-
anol-4 and 2,2-Dimethylpentanol-5 using Ethylene
Oxide and -6; Also, the synthesis of 2-
Methylhexanol-2 using Propylene Oxide

Zhur Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp 105-
108

Consultants Bureau Translation